C05027248

~~Top Secret~~ [redacted]

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In order that the increased sophistication of this effort may be more clearly understood, one must first view the areas where 7105 in its 1½ year operational history has been less than 100% satisfactory and where operational requirements have changed.

SPECTRUM CONSIDERATIONS:

1. The ABM/AES Threat was defined in 1967 from 155 to 3300 MCs.
2. " " " " " " " 1968 from 100 to 8000 MCs.
3. [redacted]
   A. 7105 had [redacted] capability of 155 to 3300 Mcs
   B. 7106 will have2 " " from 155 to 10,000 Mcs.
4.
5.
6.
7.

DATA DENSITY CONSIDERATIONS:

1. Requires smaller portions of the spectrum therefore more Bands.
2. Depopulation of Data via ..
   A. [redacted] Reception (Restraint on Azimuthal domain)
   B. [redacted] Selection (Restraint by signal parameter).
   C.

HANDLE VIA BYEMAN-TALENT KEYHOLE-COMINT CHANNELS ONLY

Handle Via BYEMAN control channels only

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